

19991106.qrp v01_n631.qrl.991106

Date: Sat, 6 Nov 1999 19:03:07 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1631

QRP-L Digest 1631

Topics covered in this issue include:

- 1) [55317] RE: CONTESTS: Re: W1AW in SS
by Monte Stark <ku7y@dri.edu>
- 2) [55318] Re: CONTESTS: Re: W1AW in SS
by Roger Hightower <n7kt@earthlink.net>
- 3) [55319] Fw: RE: maginfyer lamps
by "Robert G. Seymour" <bobsey@juno.com>
- 4) [55320] Re: HB: 1 V challenge, tricks
by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
- 5) [55321] Re: Adjustable power QRP rigs?
by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
- 6) [55322] Announcing the 1st Annual QRP Contest Calendar for 2000
by "Ron Polityka" <wb3aal@talon.net>
- 7) [55323] Magnifier Lamps
by John Payne <paynej1@strato.net>
- 8) [55324] HB: data on MV2301
by mikemo@attglobal.net
- 9) [55325] RCVR: Re: Xtal-set radio
by Rick Sealey <rsealey@InfoAve.Net>
- 10) [55326] Canadian sections
by "KA5T Larry Wise" <lewise@inetport.com>
- 11) [55327] re: Canadian Sections
by "KA5T Larry Wise" <lewise@inetport.com>
- 12) [55328] Re: data on MV2301
by "Nick Kennedy" <nkennedy@cswnet.com>
- 13) [55329] KE6RIE Straight Key at NorCal Meeting
by "Doug Hauff" <slmachco@fix.net>
- 14) [55330] Club: IAQRP Group Buy With Paul Washa Books
by "John Burnley" <burnleyia@home.com>
- 15) [55331] RE: 1-V challenge Vce(sat)
by Jeff Furman <jfurman@ocs.net>
- 16) [55332] magnifier lamps
by "Randall M. Payne" <randyp@strato.net>
- 17) [55333] Magnifying lamps
by Pete Burbank <plburbank@kih.net>
- 18) [55334] Re: Adjustable power QRP rigs?
by SKIPNC90@aol.com
- 19) [55335] Pwr out

by tom whalen <wb5qyt@eFortress.com>

20) [55336] Re: Adjustable power QRP rigs?
by per-arne.asp@tordata.se (Per-Arne Asp)

21) [55337] Re: QRP-L CD Rom
by brian_jones@uk.ibm.com

22) [55338] Re: Adjustable power QRP rigs?
by "Randy Jouett" <rules@bellsouth.net>

23) [55339] HB: 1 volt Challenge///Free Energy Concentrator
by CHARLES K BROWN <n4so@juno.com>

24) [55340] Re: Adjustable power QRP rigs?
by "Ron Polityka" <wb3aal@talon.net>

25) [55341] HB: MV2301, sharing the wealth
by mikemo@attglobal.net

26) [55342] ARRL SS'test
by Bob Edwards <w4ed@gis.net>

27) [55343] LIST: Call for volunteers
by "John J. McDonough" <jjmcd@tm.net>

28) [55344] SS question, asking for fills
by Michael Neverdosky <mneverdosky@earthlink.net>

29) [55345] Re:Adjustable Power
by WB9MII@aol.com

30) [55346] 2N2/40 Crystals
by "Jerry Henshaw" <jhenshaw@bellsouth.net>

31) [55347] QRP-1 CD
by "jmb" <jmb@cruzio.com>

32) [55348] NT+ Fox Log - 11/5/99 0230-0430Z - K6JMB
by Jim Boyle <jmb@cruzio.com>

33) [55349] Re: SS question, asking for fills
by "Nick Kennedy" <nkennedy@cswnet.com>

34) [55350] Re: QRP-1 CD
by "John J. McDonough" <jjmcd@tm.net>

35) [55351] NT+ Fox Log (Prelim) for November 6, 1999 0230-0430Z (Friday Nite Local)
- K6JMB
by Jim Boyle <jmb@cruzio.com>

36) [55352] Re: Announcing the QRP Contest Calendar 2000
by "Ron Polityka" <wb3aal@talon.net>

37) [55353] NT+ Fox Log - Just Sent - Correction - Already (duh)
by "jmb" <jmb@cruzio.com>

38) [55354] SST Mods?
by K2UD@aol.com

39) [55355] PROP Conditions - current
by "Ed Tanton" <n4xy@att.net>

40) [55356] Attention All Club
by "Ron Polityka" <wb3aal@talon.net>

41) [55357] Re: RCVR: Re: Xtal-set radio
by Bob Hightower <ki7mn@extremezone.com>

42) [55358] Antenna book & question: diode switching of QRO RF

by Nils R Young <nilsbull@juno.com>
43) [55359] Adjustable Power Output
by Bruce Muscolino <w6toy@erols.com>
44) [55360] Re: ARRL SS'test
by Monte Stark <ku7y@dri.edu>
45) [55361] Enclosures !
by kc8aon@juno.com
46) [55362] Re: SS question, asking for fills
by Monte Stark <ku7y@dri.edu>
47) [55363] Balun ???
by Arthur Moe <kb7ww@chatusa.com>
48) [55364] Re: Adjustable power QRP rigs?
by crc <crc@io.com>
49) [55365] KITS: SST Mods URL location
by Jim Larsen AL7FS <al7fs@pobox.alaska.net>
50) [55366] Re: NT+ Fox Log (Prelim) for November 6, 1999 0230-0430Z (Friday Nite Local) - K6JMB
by Tom Palmer <n1tp@worldnet.att.net>
51) [55367] test
by "muleskiner" <muleskiner@gateway.net>
52) [55368] Re: KITS: SST Mods URL location
by "Alan Fryer" <n3bj@hotmail.com>
53) [55369] Just a few last minute SS details...
by "K7FD-N7SG" <cqdx@teleport.com>
54) [55370] Index Labs
by "Scott E. Olitsky" <solitsky@acsu.buffalo.edu>
55) [55371] Special Event QRP Station - 11 November 1999
by "muleskiner" <muleskiner@gateway.net>
56) [55372] HB & MANHATT - first time effort - followup report
by n5ib@juno.com
57) [55373] Re: SST Mods?
by "Frank G3YCC" <frank@g3ycc.karoo.co.uk>
58) [55374] SS Thanks to all.
by Michael Neverdosky <mneverdosky@earthlink.net>
59) [55375] Re: HB: MV2301, sharing the wealth
by mikemo@attglobal.net
60) [55376] Re: Balun ???
by "Randy Jouett" <rules@bellsouth.net>
61) [55377] Fw: New portable Ant. from Vern W6MMA
by "Vern Wright" <w6mma@jps.net>
62) [55378] Fw: New portable Ant. from Vern W6MMA
by "Vern Wright" <w6mma@jps.net>
63) [55379] Re: Enclosures !
by K2UD@aol.com
64) [55380] SST Mods
by K2UD@aol.com
65) [55381] Making CT vers 6/7/8 work for 1999 SS
by "Alan Kaul" <alan.kaul@worldnet.att.net>

- 66) [55382] PROP: Condx for SS
by "Paul Harden, NA5N" <na5n@rt66.com>
- 67) [55383] Re: Balun ???
by "Chuck Carpenter" <w5usj@globeco.net>
- 68) [55384] Re: Making CT vers 6/7/8 work for 1999 SS
by Bob Patten <n4bp@bc.seflin.org>
- 69) [55385] QRP Mod for Ten-Tec Paragon
by K5KW@aol.com
- 70) [55386] HELP: Info needed on transistor 2N2563
by "GARY McCAUGHEY" <MAIL4GARY@worldnet.att.net>
- 71) [55387] Bands & plans
by Nils R Young <nilsbull@juno.com>
- 72) [55388] PSK31 & lap tops
by Nils R Young <nilsbull@juno.com>
- 73) [55389] RE: HELP: Info needed on transistor 2N2563
by "Ed Tanton" <n4xy@att.net>
- 74) [55390] Re: Balun ???
by "Randy Jouett" <rules@bellsouth.net>
- 75) [55391] HELP: Tube QRP
by JPD <jdanter@mail.i-america.net>
- 76) [55392] Re: Bands & plans
by "Paul Harden, NA5N" <na5n@rt66.com>
- 77) [55393] RE: DX Website GREAT!
by "Ed Tanton" <n4xy@att.net>
- 78) [55394] QRP Mod for Ten-Tec Omni-V Sought
by Thomas Kuehl <ac7a@uswest.net>

Date: Fri, 5 Nov 1999 16:00:36 -0800 (PST)
From: Monte Stark <ku7y@dri.edu>
To: NA6E <mcherry@calweb.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [55317] RE: CONTESTS: Re: W1AW in SS
Message-ID: <Pine.GSO.4.10.9911051556390.24544-100000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 5 Nov 1999, NA6E wrote:

> And Ron seems to be a little bold regarding K7QO since he's already up at
> his mountain retreat. Both Chuck and I are looking forward to the steak
> dinners Ron will be providing :-)

Hey folks, look at this will ya'....

Teaming up on me!

It's going to be so much fun listening to Chuck and Mary talk about what they did wrong and how they can do something different next year to keep from loosing yet another time!

And Alan will be there to take notes!

Maybe one can buy me the steak and the other can buy me the lobster..... :-)

See and work you all in the test. I hope everyone has as much fun as we do!

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@dri.edu....Washoe Lake, Nevada....NRA LIFE....

Date: Fri, 05 Nov 1999 17:07:31 +0000
From: Roger Hightower <n7kt@earthlink.net>
To: ku7y@dri.edu
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [55318] Re: CONTESTS: Re: W1AW in SS
Message-ID: <38230ED3.1D24F9A3@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Who's K5F0?

--
73, de Roger, N7KT
qrp-l #62, NorCal #1099, Zombie #006
Mesa, AZ 85202

Date: Fri, 5 Nov 1999 02:01:31 -0600
From: "Robert G. Seymour" <bobsey@juno.com>
To: qrp-l@lehigh.edu
Subject: [55319] Fw: RE: maginfyer lamps
Message-ID: <19991106.003558.-113417.1.BOBSEY@juno.com>
MIME-Version: 1.0
Content-Type: text/plain

Content-Transfer-Encoding: 7bit

----- Forwarded message -----

From: "Kory Hamzeh" <kory@avatar.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Date: Thu, 4 Nov 1999 16:11:55 -0800

Subject: RE: maginfyer lamps

Message-ID: <002e01bf2722\$5e370a60\$14ce21c7@tomcat.avatar.com>

I just bought one that uses an incandescent bulb from Fry's yesterday for about \$15.00.

73,
Kory

> -----Original Message-----

> From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of

> Drbob92031@aol.com

> Sent: Thursday, November 04, 1999 4:05 PM

> To: Low Power Amateur Radio Discussion

> Subject: maginfyer lamps

>

>

> I never use one of these but I know a number of dermtologists and
> podiatrists

> used them. They have a magnifying lens with a flourescent bulb(
circular)

> around the lens.

> They were made by <Luxo>. Call any surgical supply house.

> I just looked in my medical supply catalog. There is one made by

> <Brandt> and

> magnifies 1.75X. Uses a circular flourescent bulb and sells for...

> \$125.49..Not inexpensive. I donnt recall what Luxo sold for.

> Bob...Wa2EAW

>

A LUXOR clone can be had from Damark for about 40 bux.I have used one for several years with good results for these tired old eyes.

Bob WOLK

Get the Internet just the way you want it.

Free software, free e-mail, and free Internet access for a month!

Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Fri, 05 Nov 1999 19:44:54 -0500
From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
To: Re:@home.com, HB:@home.com, 1@home.com, V@home.com,
"qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>, kd1jv@moose.ncia.net
Subject: [55320] Re: HB: 1 V challenge, tricks
Message-ID: <38237A06.11009503@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hey Steve, You know what you should try to do...Build the whole thing
into a 2 cell flashlight case. If you can find on that has the little
push button to flash the light that coould be used as a key.

--

+++++

T.J. "SKIP" AREY N2EI e-mail tjarey@home.com

Website <http://members.home.net/tjarey>

Snail Mail: PO Box 236, Beverly, NJ 08010

Specialization is for insects! LAZARUS LONG

Date: Fri, 05 Nov 1999 19:50:09 -0500
From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Subject: [55321] Re: Adjustable power QRP rigs?
Message-ID: <38237B41.FA2216EB@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

the Ten Tec 535 Argonaut II is adjustable from the front panel.

--

+++++

T.J. "SKIP" AREY N2EI e-mail tjarey@home.com

Website <http://members.home.net/tjarey>

Snail Mail: PO Box 236, Beverly, NJ 08010

Specialization is for insects! LAZARUS LONG

Date: Sat, 9 Oct 1999 20:10:32 -0400
From: "Ron Polityka" <wb3aal@talon.net>
To: ". QRP-L" <qrp-l@Lehigh.EDU>
Subject: [55322] Announcing the 1st Annual QRP Contest Calendar for 2000
Message-ID: <01d401bf12b3\$defaf60\$b6e508cf@wb3aal>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The Eastern PA QRP Club would like to announce the release of
the 1st Annual QRP Contest Calendar for 2000.

This calendar will list all the QRP contests and contests with QRP
categories. It will be a fold out style that you can hang on your
wall next to your rig. There will be lists to Web sites, postal mailing
addresses for non-Internet users which will have the contest rules,
plus much more. This is really a handy calendar to have in the shack.

The calendar will be ready for mailing for the Christmas season. We
expect to be mailing it out around the end of November or 1st week in
December. Order yours now because quantities are limit.

The cost will be \$10 for US and \$12 for DX. This will include the
shipping cost.

To order please follow the steps below.

1. Reserve a copy by e-mailing me direct at wb3aal@talon.net and
place QRP Contest Calendar 2000 in the Subject line.
2. When reserving your copy via e-mail please include the quantity.
3. Fill out the form below.
4. Send check or money order (in US funds, written against a major US
bank) made out to "Ronald J. Polityka, N3EPA" and send to:

Ronald J. Polityka, N3EPA
Eastern PA QRP Club
1155 Robeson St. 2nd Floor
Reading, PA 19604-2151

5. Enclose your mailing label for a speedy delivery.

Information on the 1st Annual QRP Contest Calendar for 2000 can be found at:
http://www.kpsnet.com/wb3aal/Start_Page.htm

=====

Name: _____

Call: _____

Address: _____

City: _____

State: _____ Zip Code: _____ - _____ (9 digit if available)

Quantity: _____

x \$10.00 US = \$_____ Total

x \$12.00 DX = \$_____ Total

=====

Thank you,

72 & 73

Good DXing

Ron Polityka
de WB3AAL
wb3aal@talon.net

vvv Eastern Pennsylvania QRP Web Page vvv
http://www.kpsnet.com/wb3aal/Start_Page.htm
Eastern Pennsylvania QRP Club Call --> N3EPA

EPA QRP #1	NJ QRP #179
KL7 QRP # 309	G-QRP # 3031
ARCI QRP # 5318	10 - X #13173
NorCal	Zombie #625
ARS # 380	HI-QRP #153
VA QRP Society	

SETI @ Home Project
<http://setiathome.ssl.berkeley.edu>

Date: Fri, 5 Nov 1999 20:27:52 -0800
From: John Payne <paynej1@strato.net>
To: qrp-l@lehigh.edu
Subject: [55323] Magnifier Lamps
Message-ID: <SAK.1999.11.05.tbefigbr@computer>
MIME-Version: 1.0
Content-Type: Text/Plain; charset=ISO-8859-1
Content-Transfer-Encoding: 8Bit

Hi gang...

Was in Home Depot today and picked up a nifty flourescent magnifier lamp for under \$40.00.

Now if my 2n2/40 goodies will just get here...

Date: Fri, 05 Nov 1999 21:12:23 -0500
From: mikemo@attglobal.net
To: qrp-l <qrp-l@lehigh.edu>
Subject: [55324] HB: data on MV2301
Message-ID: <38238E87.57EEC44B@attglobal.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have a BUNCH of Motorola MV2301 varactor diodes, but don't have a spec sheet. I checked my ARRL handbook, the Mot web site, the internet in general, and my Mot semiconductor book and did not find it. Can anyone check an old Mot book and look it up for me?

Thanks and 72

Mike Maiorana, KU4QO

Date: Fri, 05 Nov 1999 21:39:10 -0500
From: Rick Sealey <rsealey@InfoAve.Net>
To: SFIKE@twa.com, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [55325] RCVR: Re: Xtal-set radio
Message-ID: <4.1.19991105213703.01a28340@mail.infoave.net>
MIME-version: 1.0
Content-type: text/plain; charset="us-ascii"

At 10:30 PM 11/03/1999 +0000, SFIKE@twa.com wrote:

>Myself and a friend are currently building traditional crystal set radio's
>for "just in case" a Y2K worse case senario should happen.

>----- SNIP -----<

>Scott,KC0BUS

In a "Y2K worse case senario" what would you listen to?

Rick - W4SEA

Date: Sat, 06 Nov 1999 02:47:24
From: "KA5T Larry Wise" <lewise@inetport.com>
To: "qrp" <qrp-1@lehigh.edu>
Subject: [55326] Canadian sections
Message-ID: <199911060245.UAA20246@admin.inetport.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Gang:

Can someone refresh my memory as to where the new Canadian province/Territory goes in the sections?

And...One of the Maritimes is now VY2....Is the PEI????

The ARRL web site section list didn't seem to address this issue...

Sorry for the ignorance....I knew these things once (I think).. :-)

thanks

Larry KA5T Georgetown, Texas Zombie ZERO 000

Date: Sat, 06 Nov 1999 03:09:49
From: "KA5T Larry Wise" <lewise@inetport.com>
To: "qrp" <qrp-1@lehigh.edu>
Subject: [55327] re: Canadian Sections
Message-ID: <199911060307.VAA21585@admin.inetport.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Well the RAC web site gave the call sign associations....

and....

I guess I really don't have to worry about finding a VY0, Nunavut, this time.... :-)

Larry KA5T

Date: Fri, 5 Nov 1999 22:27:43 -0600
From: "Nick Kennedy" <nkennedy@cswnet.com>
To: <mikemo@attglobal.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [55328] Re: data on MV2301
Message-ID: <001001bf280f\$46002ba0\$4e7154d8@the-great-c>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

You must have bought a handful from that guy that advertised them on one of the newsgroups a while back. So did I. I think I found this in a book:

135 pf max, 2.3 ratio 2 to 20 volts. I also did some measurements with my MFJ-259 and came up with 203 pF at 1 volt, 169 pF at 2 volts and on down to 67 pF at 20 volts.

72,

Nick, Wa5BDU

-----Original Message-----

From: mikemo@attglobal.net <mikemo@attglobal.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Friday, November 05, 1999 8:14 PM
Subject: HB: data on MV2301

>I have a BUNCH of Motorola MV2301 varactor diodes, but don't have a spec
>sheet. I checked my ARRL handbook, the Mot web site, the internet in
>general, and my Mot semiconductor book and did not find it. Can anyone
>check an old Mot book and look it up for me?

>Thanks and 72

>Mike Maiorana, KU4QO

>

Date: Fri, 5 Nov 1999 20:53:15 -0800
From: "Doug Hauff" <slmachco@fix.net>
To: <qrp-l@LeHigh.edu>
Subject: [55329] KE6RIE Straight Key at NorCal Meeting
Message-ID: <199911060450.UAA18993@clark.fix.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

If you missed getting one of my straight keys at Pacificon, you can pick one up at the NorCal meeting Sunday, I'll be there with a bag o' keys.

72 , Doug Hauff, KE6RIE

Date: Fri, 5 Nov 1999 23:23:30 -0600
From: "John Burnley" <burnleyia@home.com>
To: <IaQRP-L@divis17.ped-gen.uiowa.edu>
Cc: <qrp-l@lehigh.edu>
Subject: [55330] Club: IAQRP Group Buy With Paul Washa Books
Message-ID: <008b01bf2817\$120c0640\$1b790818@c149552-a.west1.ia.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

This is a reminder that the Iowa QRP Club is sponsoring a group buy from Paul Washa Books (W0TOK). Paul has agreed to extend this offer to QRP-L subscribers as well. There are several titles available. Just remember to specify the Iowa QRP Club group purchase when contacting Paul. These prices reflect USA shipping (all 50 states). Any DX orders should contact Paul first to see if he can accommodate them.

Here are the details:

ARRL 2000 Handbook without software \$28.00 delivered

ARRL Antenna Compendium VOL 1 \$11.00 delivered

ARRL Antenna Compendium VOL 2 \$15.00 delivered
ARRL Antenna Compendium VOL 3 15.00 delivered
ARRL Antenna Compendium VOL 4 17.00 delivered
ARRL Antenna Compendium Vol 5 \$17.00 delivered
ARRL Antenna Compendium 6 (with software CD) \$17.00 delivered
ARRL W1FB Design Notebook \$11.00 delivered
ARRL Solid State Design \$14.00 delivered
ARRL Intro To RF Design with software \$24.00 delivered
ARRL Antenna Handbook with software (18th edition) \$24.00 delivered
ARRL QRP Power 1996 \$12.00 delivered
ARRL's Low Power Communication, Latest Version, 1999 \$13.00 delivered
W1FB s QRP Notebook, 1991 \$10.00 delivered
Joy of QRP by Adrian Weiss (W0RSP) \$21.00 delivered
ARRL Mini Logbook (approx 6'' by 4'') \$5.00 delivered
(Paul tells me that the minilog is great for mini power
stations and will fit a backpack or small case just fine for
portable work)
ARRL 1999 Satelllite Anthology \$13.00 delivered

If you would like to see any other titles please Email me privately.

How to order: You must contact Paul and specifically
mention the Iowa QRP group purchase. You may contact Paul
at: w0tok@email.msn.com or phone (612) 472-8991. His
address is:

Paul Washa (W0TOK)
4916 Three Points Boulevard
Mound, MN 55364-1245

Paul has extended this offer to 60 days from my original
post (the group buy will end December 20, 1999). He will
accept checks or money orders (but no credit cards).

The usual disclaimers apply. I have no financial interest in Paul's business and am not receiving anything in return for this offer.

72, John NU0V

Date: Fri, 5 Nov 1999 21:55:13 -0800 (PST)
From: Jeff Furman <jfurman@ocs.net>
To: qrp-l@lehigh.edu
Subject: [55331] RE: 1-V challenge Vce(sat)
Message-ID: <Pine.LNX.4.04.9911052144020.4924-100000@ocs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I should call your attention to the remarkable Zetex FMMT617. This is an NPN in a sot-23 package. It is rated for a collector current of THREE AMPS. At this I_c , the $V_{ce(sat)}$ is 200mV or less; the base current needed for this is 50mA. I recall the $V_{ce(sat)}$ is around 50mV in the 1A I_c range. They do this with a parallel device structure similar to the hexfet's. Digi-Key has 'em, but they're not as cheap as 2222's... Look at their data sheet in the Zetex web site.

73, Jeff KD6MNP

Date: Sat, 06 Nov 1999 01:08:12 -0500
From: "Randall M. Payne" <randyp@strato.net>
To: qrp-l@lehigh.edu
Subject: [55332] magnifier lamps
Message-ID: <3.0.6.32.19991106010812.007aebc0@mail.strato.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I also got one of the Home Depot lamps. Works great. Has a 5 inch 3X lens, and a florescent bulb. It's also worth the trip to browse and see what else you can find. I got a bag of insulators for eletric fences that ought to make dandy insulators for wire antennas.

72

Randy K4EZM

Date: Sat, 06 Nov 1999 03:32:25 -0500
From: Pete Burbank <plburbank@kih.net>
To: <qrp-1@Lehigh.EDU>
Subject: [55333] Magnifying lamps
Message-ID: <3.0.32.19991106033024.00749ca0@kih.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

It takes a great deal of patience to refrain from telling people
what to do with the lamps from wherever.

73 es Cu in the SS

Pete NV4V KY

Date: Sat, 6 Nov 1999 03:41:57 EST
From: SKIPNC90@aol.com
To: qrp-1@lehigh.edu
Subject: [55334] Re: Adjustable power QRP rigs?
Message-ID: <0.9282298b.255543d5@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Did anyone say the HW-9 too?

73 Skip NC90

Date: Sat, 06 Nov 1999 01:25:12 -0700
From: tom whalen <wb5qyt@eFortress.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [55335] Pwr out
Message-ID: <3823E5E8.7B0F@eFortress.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang,

My Ten Tec 505 is pwr adjustable from the rear panel.

My Century 21 has front panel pwr adjust.

72, and have fun in SS....Hope to make a few Q's

Tom WB5QYT..."Have spud will travel!"

Date: Sat, 6 Nov 1999 10:33:45 +0100
From: per-arne.asp@tordata.se (Per-Arne Asp)
To: <qrp-l@Lehigh.EDU>
Subject: [55336] Re: Adjustable power QRP rigs?
Message-ID: <000501bf283a\$05ed1160\$0600a8c0@p-a>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Icom IC-720A can be adjusted to approx. 2W from outside!

72/73 de arne/sm4inv

per-arne@asp.st
<http://www.asp.st>

Date: Sat, 6 Nov 1999 10:35:53 +0000
From: brian_jones@uk.ibm.com
To: qrp-l@Lehigh.EDU
Subject: [55337] Re: QRP-L CD Rom
Message-ID: <80256821.003A385A.00@d06mta03.portsmouth.uk.ibm.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

>Volume 3 of the QRP-L CD isn't too far off!

>And did I hear Brian volunteer for the UK distribution?

John

I said I was out of touch didn't realise vol 3 was close so perhaps it makes sense.

Oh - Err it did kinda look like a volunteer didn't it. Actually no problem I'd be glad too - if I tot up the value I've had from QRP-L over the last 2-3 years versus the amount I've given back I figure I'm a long way in debt!

Brian G0UKB

Brian E Jones

Technical Planner
Java Technology Centre
IBM Hursley

Date: Sat, 6 Nov 1999 04:51:36 -0600
From: "Randy Jouett" <rules@bellsouth.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [55338] Re: Adjustable power QRP rigs?
Message-ID: <059c01bf2844\$e9314270\$b4e83cd0@spock>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

My OHR Spirit 2 is has a power adjustment on the rear panel. It'll go from Zilch to around 6 watts.

Since we're bringing this subject up, how about a discussion on adding power adjustment to homebrew gear and pitfalls to watch out for? For instance, it's not as simple as adding a variable pot to in series with the emitter lead, adding a couple of wires, drilling a hole, and mounting the pot of the front or back panel. In some designs, this would be asking for trouble, and if the emitter ground lead is too long, you might pick up some feedback and cause the amplifier to oscillate.

Anyone have any suggestions on how to get away from this problem? If so, I'm sure that the we'd all like to hear how to solve this problem.

72/73,

Randy Jouett, AB5NI
Lafayette, LA.

P.S.

500 messages to go! Only pounced on this message because I kept hearing Windoze NT bleep at me and decided to see what all the noise was about. Back to reading!

Date: Sat, 06 Nov 1999 06:42:16 EST
From: CHARLES K BROWN <n4so@juno.com>
To: qrp-l@lehigh.edu
Subject: [55339] HB: 1 volt Challenge///Free Energy Concentrator
Message-ID: <19991106.114105.6991.1.n4so@juno.com>

Mitchell Lee, KB6FPW, Free Energy Concentrator, QST
mag. Oct. 1999, p. 66 in Technical Correspondence.

This device charges a 12 volt battery and receives it's energy from the AM broadcast band. The strongest station delivers a charge of 200 mA, and averages 2.5W delivered power. Uses about 12 parts.

14 Mhz DX 3X0A Guinea 14.009 at 2123Z worked on
the NorCal 20
Ken Brown N4SO
Mobile, AL/EM50tk
NorCal-20/5 watts/4 ele. beam

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Sun, 10 Oct 1999 07:33:32 -0400
From: "Ron Polityka" <wb3aal@talon.net>
To: ". QRP-L" <qrp-l@Lehigh.EDU>
Subject: [55340] Re: Adjustable power QRP rigs?
Message-ID: <006a01bf1313\$48d83ae0\$09e508cf@wb3aal>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

My Ten Tec Argonaut 515 has the drive output
adjusted from the front panel.

72 & 73
Good DXing

Ron Polityka
de WB3AAL
wb3aal@talon.net

vvv Eastern Pennsylvania QRP Web Page vvv
http://www.kpsnet.com/wb3aal/Start_Page.htm
Eastern Pennsylvania QRP Club Call --> N3EPA

EPA QRP #1	NJ QRP #179
KL7 QRP # 309	G-QRP # 3031
ARCI QRP # 5318	10 - X #13173
NorCal	Zombie #625
ARS # 380	HI-QRP #153
VA QRP Society	

SETI @ Home Project
<http://setiathome.ssl.berkeley.edu>

Date: Sat, 06 Nov 1999 07:50:14 -0500
From: mikemo@attglobal.net
To: qrp1 <qrp-1@lehigh.edu>
Subject: [55341] HB: MV2301, sharing the wealth
Message-ID: <38242405.861659D0@attglobal.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thanks to all who sent me the basic data on these varactors. They look
like they will be very useful.

Since I've got so many, I can offer a few people on the list a more
manageable quantity.

I'll take the first 10 people who respond to this email, Send an SASE
and \$1 and I'll send you 20 of these tuning diodes (\$.05 each, that's

what I paid for them). I'll only take 10 people so I'll have a few left for myself ;-)

Here is the basic data (thanks Nick):

135 pF max, 2.3 ratio 2 to 20 volts. I also did some measurements with my

MFJ-259 and came up with 203 pF at 1 volt, 169 pF at 2 volts and on down to

67 pF at 20 volts.

72 de ku4qo, Mike Maiorana, Palm Harbor, FL

Date: Sat, 06 Nov 1999 08:05:28 -0500
From: Bob Edwards <w4ed@gis.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [55342] ARRL SS'test
Message-ID: <38242798.73E72B87@gis.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Listen for me too, I'll be one of the slower ones at the high end of the CW bands. :)

--
 |\
 /| \
 / |K2\
 / |21 \
 /__|____\
 -/_==*==--/]
~~~~~  
Bob 72/73  
email, w4ed@amsat.org  
<http://www.qsl.net/w4ed>  
near Atlanta, GA EM73wt

-----  
Date: Sat, 6 Nov 1999 08:20:08 -0500  
From: "John J. McDonough" <jjmcd@tm.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [55343] LIST: Call for volunteers  
Message-ID: <003b01bf2859\$a7931d60\$010044c0@conor-mac-nessa>  
MIME-Version: 1.0  
Content-Type: text/plain;  
 charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

OK gang, the Volume 3 QRP-L Archive CD is almost upon us. Here's the status:

The HTML Archive is complete. Monday, the postman will carry the CD away to the desert where more goodies will be added. When it returns to the tundra, it should be ready, or close to ready, to start making copies for the volunteer distributors. I'm estimating 2-3 weeks until that time.

But wait, we need volunteers. Just like the last couple of issues, we will need folks to make CDs. The deal will be the same as before, people will either send a prepaid mailer and a blank CD, or a nominal fee appropriate to cover the volunteer's cost. I think it was around \$10 ... I'll need to go rummaging through the archive. Obviously, if the postage to some remote island is more than that some arrangement will need to be made.

If you would like to help spread this latest, greatest resource around to the QRP community, please email me off the list at <mailto://wb8rcr@arrl.net>

Thanks all,  
72/73 de WB8RCR      <http://www.qsl.net/wb8rcr/>  
didileydadidah      QRP-L #1446 Code Warriors #35

-----  
Date: Sat, 06 Nov 1999 08:39:25 +0000  
From: Michael Neverdosky <mneverdosky@earthlink.net>  
To: qrp-l mailing list <qrp-l@lehigh.edu>  
Subject: [55344] SS question, asking for fills  
Message-ID: <3823E93D.DD1DB837@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Is there a standard shorthand for asking for fills in the SS?

I am most likely to need fills on the serial number but any standard shorthand would help.  
Otherwise I might end up using a lots of time spelling things out. :-(

thanks

michael N6CHV

-----  
Date: Sat, 6 Nov 1999 08:40:13 EST  
From: WB9MII@aol.com  
To: qrp-l@lehigh.edu

Subject: [55345] Re:Adjustable Power  
Message-ID: <0.b77729aa.255589bd@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

The MFJ 90 series rigs have a pot that can be tuned as low as (at least on mine) 1 watt. how to do it is very easy and is in the manual that comes with the rig.

72

Greg  
WB9MII

-----  
Date: Sat, 6 Nov 1999 09:02:23 -0500  
From: "Jerry Henshaw" <jhenshaw@bellsouth.net>  
To: "QRP-L Post" <qrp-l@Lehigh.EDU>  
Subject: [55346] 2N2/40 Crystals  
Message-ID: <004501bf285f\$8db95200\$39d34dd8@jhenshaw.bellsouth.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi Gang,

Well I THOUGHT my 2N2/40 had a great receiver until I replaced the crystals I got from Dan's Small Parts with a new set from the master himself -- Jim Kortge, K8IQY. Wow, what a difference!!! I used to have my audio volume cranked all the way up to hear weaker stations... with Jim's crystals, the volume control sets between 9:00 and 12:00 o'clock. Cranking the volume control all the way will blast your headphones off your head on a strong station!!

The bandpass filter works much better now. Some of Dan's crystals were in an aluminum case and therefore could not be grounded by soldering a jumper to ground... you really need to ground the crystal cans.

So, long story short, if you are building the 2N2/40 rig, buy your crystals from Jim!

I have had several QSOs with my 2N2/40 --- still looking for my first 2N2/40 to 2N2/40 QSO.

72's and keep the solder fumes aloft,

Jerry  
KR5L

-----  
Date: Sat, 6 Nov 1999 06:08:53 -0800  
From: "jmb" <jmb@cruzio.com>  
To: "QRP-1" <qrp-1@lehigh.edu>  
Subject: [55347] QRP-1 CD  
Message-ID: <01c601bf2860\$75844f40\$b18ae3a5@workstation>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I was just checking and see that I have Version 2.0 of the CD, dated May 15, 1999.  
It's really a great tool and I use  
it all the time.

Would anyone know if there's a way to get Volume or Version 1?

tnx  
Jim  
K6JMB

-----  
73 de K6JMB  
Jim Boyle  
Santa Cruz, California  
FISTS #6537 QRP-1 #1845

-----  
Date: Sat, 06 Nov 1999 06:17:38 -0800  
From: Jim Boyle <jmb@cruzio.com>  
To: qrp-1@lehigh.edu  
Cc: K0EVZ@arrl.net  
Subject: [55348] NT+ Fox Log - 11/5/99 0230-0430Z - K6JMB  
Message-ID: <38243882.71313BE4@cruzio.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii



Content-Transfer-Encoding: 7bit

Here's an updated and corrected (and final?) log for my Fox Session for my session on November 5, 1999 0230-0430Z:

| TIME-Z | CALL   | RST | RCVD | RST | SENT | QTH | NAME  | NR   |
|--------|--------|-----|------|-----|------|-----|-------|------|
| 0230   | AK1P   |     | 599  |     | 579  | CA  | Paul  | 284  |
| 0235   | NQ7X   |     | 469  |     | 599  | NV  | Floyd | 133  |
| 0240   | KI0G   |     | 599  |     | 579  | CO  | Bob   | 239  |
| 0245   | KU7Y   |     | 599  |     | 599  | NV  | Ron   | 17   |
| 0250   | AD6IU  |     | 599  |     | 599  | CA  | Dick  | 951  |
| 0252   | WE6W   |     | 599  |     | 599  | CA  | Ed    | 1068 |
| 0255   | KI0II  |     | 339  |     | 599  | CO  | Ron   | 928  |
| 0310   | N7CQR  |     | 599  |     | 559  | OR  | Dan   | 502  |
| 0330   | WE7G   |     | 449  |     | 559  | UT  | Wayne | 481  |
| 0345   | K0EVZ  |     | 349  |     | 559  | ND  | Doc   | 861  |
| 0320   | KB7MBI |     | 599  |     | 579  | WA  | Alan  | 1299 |

-----  
Date: Sat, 6 Nov 1999 08:19:30 -0600  
From: "Nick Kennedy" <nkennedy@cswnet.com>  
To: <mneverdosky@earthlink.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [55349] Re: SS question, asking for fills  
Message-ID: <002701bf2861\$f1e7c3e0\$6e7154d8@the-great-c>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

It gets kinda tough, cause some folks don't know what the different bits of data are called. (I'm not always sure myself.)

Of course NR? means repeat S/N and SEC? means repeat your ARRL section.

I think the Year Licensed thing is called your "Check" so say "CK?" and the letter that designates power, multi-op and so forth is called "precedence", so say "Prec?"

You might double check the official rules on this stuff. My memory ain't what it usta be.

Hey, this contest will be a good one for guys who hate 5NNs and like

exchanging a lot of variable data.

72 es CU SS,

Nick, WA5BDU

-----Original Message-----

From: Michael Neverdosky <mneverdosky@earthlink.net>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Date: Saturday, November 06, 1999 7:40 AM  
Subject: SS question, asking for fills

>Is there a standard shorthand for asking for fills in the SS?  
>  
>I am most likely to need fills on the serial number but any  
>standard shorthand would help.  
>Otherwise I might end up using a lots of time spelling things  
>out. :-(  
>  
>thanks  
>  
>michael N6CHV  
>

-----  
Date: Sat, 6 Nov 1999 09:37:34 -0500  
From: "John J. McDonough" <jjmcd@tm.net>  
To: <jmb@cruzio.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [55350] Re: QRP-l CD  
Message-ID: <006901bf2864\$78bc24e0\$010044c0@conor-mac-nessa>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Jim

I'm sure there are folks (myself included) who would be glad to make you a copy of volume 1, but it contains nothing that isn't already on Volume 2. Volume 3 is starting to get a little tubby, so it won't be long before we'll have to clean out the old to make way for the new, but for now, you're not missing anything. (Well, if I recall, I made some improvements to the HTML

interface for Volume 2, so perhaps the Volume 1 was different, but clumsy!)

But if you want a Volume 1 for the collection, let me know.

72/73 de WB8RCR      <http://www.qsl.net/wb8rcr/>  
didileydadidah      QRP-L #1446 Code Warriors #35

-----Original Message-----

From: jmb <jmb@cruzio.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Date: Saturday, November 06, 1999 9:10 AM  
Subject: QRP-l CD

>I was just checking and see that I have Version 2.0 of the CD, dated May 15, 1999. It's really a great tool and I use  
>it all the time.

>

>Would anyone know if there's a way to get Volume or Version 1?

>

>tnx

>Jim

>K6JMB

>-----

>73 de K6JMB

>Jim Boyle

>Santa Cruz, California

>FISTS #6537 QRP-l #1845

>

-----

Date: Sat, 06 Nov 1999 06:47:22 -0800

From: Jim Boyle <jmb@cruzio.com>

To: qrp-l@lehigh.edu

Cc: k0evz@arrl.net

Subject: [55351] NT+ Fox Log (Prelim) for November 6, 1999 0230-0430Z (Friday Nite Local)

- K6JMB

Message-ID: <38243F7A.4559EDAA@cruzio.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Here's the first pass log at my NT+ Fox log for last nite. Sorry I didn't post it right after the session last night but my daughter came

by to visit. Things started off with a bang and then sort of fizzled the second hour. The band got noisy, but in response to a few requests I received to stay put, I did so around 7110 to 7115. I had a big signal right at 7110.00, so I never got very much under than 7110.75.

Again, thanks to all who hung in there with me. I'm feeling a little more comfortable though still pretty frustrated about my problems with copying in noise - more experience needed!

Think I'll spend some time today and tomorrow working the Sweepstakes on the NT+ portions of the bands just for practice.

And I'm Fox again tonite, same time 0230-0430Z, though I expect most of you will be working the Sweeps, I'll be out there trying to 'double up' so to speak. Anyway, good luck to all on the Sweeps and thanks again for a fun session last nite.

72,  
Jim  
K6JMB

(I'm trying out formatting this on Netscape Messenger using their Table function. If it shows up as spaghetti, I'll resend in plain fixed text.

NT+ Foxhunt Log for November 6, 1999 0230-0430Z (Friday Local Time) -  
K6JMB

| TIME - Z | CALL   | RST Sent | RST Rcvd | STATE | NAME   | NR   |
|----------|--------|----------|----------|-------|--------|------|
| 0230     | WE6W   | 599      | 599      | CA    | Ed     | 1068 |
| 0235     | W7ILW  | 479      | 479      | AZ    | Howard | 2010 |
| 0237     | W5VBO  | 459      | 459      | AZ    | Brian  | 404  |
| 0250     | KI0II  | 459      | 579      | CO    | Ron    | 928  |
| 0305     | VE6EWM | 359      | 559      | AL    | Earl   | 1076 |
| 0315     | KB7MBI | 559      | 359      | WA    | Alan   | 1299 |
| 0325     | AC6UV  | 559      | 459      | CA    | Gody   | 1991 |

-----  
Date: Sun, 10 Oct 1999 09:43:17 -0400  
From: "Ron Polityka" <wb3aal@talon.net>  
To: ". QRP-L" <qrp-l@Lehigh.EDU>  
Subject: [55352] Re: Announcing the QRP Contest Calendar 2000  
Message-ID: <00f901bf1325\$68c93e00\$09e508cf@wb3aal>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Update on calendar.

The calendar will be 11" x 17" after it folds out.  
It will be in B&W format with cartoons, crossword  
puzzles and information on the top part.

We were going to do a calendar with color pictures of  
QRP rigs but we need to find a better price than \$20  
a piece to create it.

I am working on a sample to post on our web site.

72 & 73  
Good DXing

Ron Polityka  
de WB3AAL  
wb3aal@talon.net

vvv Eastern Pennsylvania QRP Web Page vvv  
[http://www.kpsnet.com/wb3aal/Start\\_Page.htm](http://www.kpsnet.com/wb3aal/Start_Page.htm)  
Eastern Pennsylvania QRP Club Call --> N3EPA

|                 |               |
|-----------------|---------------|
| EPA QRP #1      | NJ QRP #179   |
| KL7 QRP # 309   | G-QRP # 3031  |
| ARCI QRP # 5318 | 10 - X #13173 |
| NorCal          | Zombie #625   |
| ARS # 380       | HI-QRP #153   |
| VA QRP Society  |               |

SETI @ Home Project  
<http://setiathome.ssl.berkeley.edu>

-----

Date: Sat, 6 Nov 1999 06:55:26 -0800  
From: "jmb" <jmb@cruzio.com>  
To: "QRP-1" <qrp-1@lehigh.edu>  
Cc: <gody99@aol.com>  
Subject: [55353] NT+ Fox Log - Just Sent - Correction - Already (duh)  
Message-ID: <01d901bf2866\$f625a260\$b18ae3a5@workstation>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Just found a typo in the log is just sent - NR for AC6UV should be 1881, not 1991.  
Funny thing is, Gody had to send it  
to me over and over again countless times till I finally got it. Then I got it,  
and then....typo'd it wrong in the log  
I sent - I can't believe I did that -- uh, yes I can. I'll make sure its correct  
in the final submission.

So, for AC6UV, I have :

TIME -- 0325Z  
CALL -- AC6UV  
RST SENT -- 559  
RST RCVD -- 459  
STATE -- CA  
NAME -- Gody  
NR -- 1881

Sorry Gody....

72,  
Jim  
K6JMB

-----  
Date: Sat, 6 Nov 1999 09:55:23 EST  
From: K2UD@aol.com  
To: qrp-1@lehigh.edu  
Subject: [55354] SST Mods?  
Message-ID: <0.85d1e2f4.25559b5b@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Are there mods for the Wilderness Radio SST posted in a central location?  
Interested in VX0 coverage mods especially. Considering such a rig.

TNX all,

Howard Kraus, K2UD

-----  
Date: Sat, 6 Nov 1999 10:13:52 -0500  
From: "Ed Tanton" <n4xy@att.net>  
To: "North GA QRP" <nogaqrp@qth.net>  
Cc: "AE4IC Bob\_Kellogg" <ae4ic@nr.infi.net>, "AE4GX Sam Billingsley"  
<sbillingsley@mindspring.com>, "Duane Fischer" <dfischer@tir.com>,

"QRP-L Reflector" <qrpl@Lehigh.EDU>, "Prof. Arnaldo Coro Antich"  
<inforhc@mail.infocom.etecsa.cu>  
Subject: [55355] PROP Conditions - current  
Message-ID: <NBBBJDEEIFDDANGEGHLBIE0EHJAA.n4xy@att.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

:Issued: 1999 Nov 06 1507 UT  
# Prepared by the U.S. Dept. of Commerce, NOAA, Space Environment Center.  
#  
# Geophysical Alert Message  
#  
Solar-terrestrial indices for 5 November follow.  
Solar flux 161 and Boulder A-index 5.  
The Boulder K-index at 1500 UT on 6 November was 0 (4 nT).

Solar-terrestrial conditions for the last 24 hours follow.  
Solar activity was moderate.  
The geomagnetic field was quiet to unsettled.

The forecast for the next 24 hours follows.  
Solar activity will be low to moderate.  
The geomagnetic field will be quiet to unsettled.

72 / 73 Ed N4XY email: <n4xy@arrl.net>

webpage: <http://www.qsl.net/n4xy/>

-----

Date: Sun, 10 Oct 1999 10:07:23 -0400  
From: "Ron Polityka" <wb3aal@talon.net>  
To: ". QRP-L" <qrpl@Lehigh.EDU>  
Subject: [55356] Attention All Club  
Message-ID: <013201bf1328\$c703d540\$09e508cf@wb3aal>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hello,

Does your club sponsor a QRP Contest or a contest  
that has a QRP division?

Send me the information for the year 2000 and I can

still place it in our QRP Contest Calendar for 2000.

We should be going to print with in the next 2 weeks.

72 & 73  
Good DXing

Ron Polityka  
de WB3AAL  
wb3aal@talon.net

vvv Eastern Pennsylvania QRP Web Page vvv  
[http://www.kpsnet.com/wb3aal/Start\\_Page.htm](http://www.kpsnet.com/wb3aal/Start_Page.htm)  
Eastern Pennsylvania QRP Club Call --> N3EPA

|                 |               |
|-----------------|---------------|
| EPA QRP #1      | NJ QRP #179   |
| KL7 QRP # 309   | G-QRP # 3031  |
| ARCI QRP # 5318 | 10 - X #13173 |
| NorCal          | Zombie #625   |
| ARS # 380       | HI-QRP #153   |
| VA QRP Society  |               |

SETI @ Home Project  
<http://setiathome.ssl.berkeley.edu>

-----  
Date: Sat, 06 Nov 1999 08:23:07 -0700  
From: Bob Hightower <ki7mn@extremezone.com>  
To: rsealey@InfoAve.Net  
Cc: qrp-1@lehigh.edu  
Subject: [55357] Re: RCVR: Re: Xtal-set radio  
Message-ID: <199911061525.IAA24007@enterprise.extremezone.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

At 09:39 PM 11/5/99 -0500, you wrote:

>  
> At 10:30 PM 11/03/1999 +0000, SFIKE@twa.com wrote:  
> >Myself and a friend are currently building traditional crystal set radio's  
> >for "just in case" a Y2K worse case senario should happen.  
> >----- SNIP -----<  
> >Scott,KC0BUS  
>  
> In a "Y2K worse case senario" what would you listen to?  
>  
> Rick - W4SEA



A bunch of folks trying to turn crystal sets into transceivers :^)

Bob Hightower KI7MN

<http://www.extremezone.com/~ki7mn>

-----  
Date: Sat, 6 Nov 1999 10:14:25 -0500  
From: Nils R Young <nilsbull@juno.com>  
To: QRP-L@lehigh.edu, elecraft@qrth.net  
Subject: [55358] Antenna book & question: diode switching of QRO RF  
Message-ID: <19991106.101440.-202311.0.nilsbull@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Fellow crazies,

Two things:

1. Today I received a package from one of my favorite bookstores (and one of those places that Cindy wishes didn't send me catalogs), HamiltonBook.com. I'd ordered, in addition to the usual run of esoteric linguistics texts, a copy of the 2nd edition of Carr's "Practical Antenna Handbook." Cost me \$7.95 + shipping.

If you don't have a copy of this book, which I have only perused here before pounding out this message, it appears to be full of everything you need to know on how to fill your yard space up with wire & aluminum, as well as trip the neighbors' during their trespassing exercises & trip birds.

The HamiltonBook stock number is 672920. The address is Edward R. Hamilton Bookseller, Falls Village, CT 06031-5000. I believe the web address (<http://www.hamiltonbook.com>) is correct.

And they have tons of other stuff too.

2. Has anyone (or does anyone know of a way to have) used diode switching of RF with power levels over 100 W? I've got an old piece of junk "two

pill" home brew linear block here that I'd like to check out (with filtering & supply) as an "afterburner" on the K2. For medicinal purposes only, of course; checking into the 3785 gang of loonies &c.

I've thought about this from the 1N4007 switching plane, similar to the circuit that Ten Tec uses in the Argosy & which appears around the planet in various QRP incarnations.

It'd beat using a relay (with all those incumbrances) & would allow QSK at power levels that we won't discuss here.

3. Ok, there is a third thing, but I didn't start with it, but since I'm an action figure, I can make things up as I go along. So numero three-o: Cindy's going on a business trip next week. I put in my request for three sections of tower for Christmas/birthday (eight days apart) already, but the weather's so nice & I might have the money . . .

73

Nils

-----

Nils R. Bull Young -- El Gringo Errante -- La Estancia de los Guajolotes  
Sonrientes

<http://home.fiberia.com/wb8ijn> -- WB8IJN --

<http://members.xoom.com/nilsbull>

"In my day you had to FIGHT to have oligarchs! Every day was a STRUGGLE!  
-- Comrade Sergei Nikolaevich McTovarishov --

-----  
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-----

Date: Sat, 06 Nov 1999 10:35:38 -0500

From: Bruce Muscolino <w6toy@erols.com>

To: qrp-l@lehigh.edu

Subject: [55359] Adjustable Power Output

Message-ID: <38244ACA.155E@erols.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Guys,

In general any 'store bought' radio that runs both CW and SSB will have adjustable power output via the ALC control. The lower limit of the

adjustment is set by the manufacturer, and may be too high for your QRP interests. In some cases there may be internal pot adjustments, in other cases a battery can be inserted following instructions that appear in the QRP ARCI archives, to allow even further adjustment. Store bought radios include TenTec's, Kenwood's, Yaesu's, Icom's, and others.

Kit radios vary by manufacturer. Some do allow adjustment, and some don't. It depends on the designers attitude toward power output!

73

-----  
Date: Sat, 6 Nov 1999 07:56:33 -0800 (PST)  
From: Monte Stark <ku7y@dri.edu>  
To: Bob Edwards <w4ed@gis.net>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [55360] Re: ARRL SS'test  
Message-ID: <Pine.GS0.4.10.9911060753220.29704-100000@rotor.dri.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 6 Nov 1999, Bob Edwards wrote:

> Listen for me too, I'll be one of the slower ones at the  
> high end of the CW bands. :)

Hi Bob and All,

Speed is not a problem. Just ask those going too fast to QRS. If they don't QRS they don't get the QS0!

I will be trying to come back to calling stations at whatever speed they call me. With TR Log it's as simple as hitting page up or page down however many times it takes. Changes by about 3 wpm per hit.

I hope to work you all!

Good luck, cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....  
....ku7y@dri.edu....Washoe Lake, Nevada....NRA LIFE....

-----

Date: Sat, 6 Nov 1999 11:09:04 EST  
From: kc8aon@juno.com  
To: qrp-l@Lehigh.EDU  
Subject: [55361] Enclosures !  
Message-ID: <19991106.110910.4479.2.kc8aon@juno.com>

For all you homebrewers, I listed this before but I think I just sent it to the guy that had the query and not to the list. So, here it is again. For an extensive line of equipment enclosures, different styles and sizes, contact:

Sescom, Inc.  
2100 Ward Drive  
Henderson, NV 89015-4249

Email: sescom@sescom.com  
Fax orders toll-free US & Canada: 800-551-2749  
Phone orders: 800-634-3457 or 702-565-3400  
Tech line: 702-565-3993

Or visit them on-line at: [www.sescom.com](http://www.sescom.com)

And no, I don't have an interest in Sescom, nor do I work for them. I've just used some of there products and was very pleased !

72.....KC8AON  
Rick McKee  
Willow Wood, Ohio <><

-----  
Get the Internet just the way you want it.  
Free software, free e-mail, and free Internet access for a month!  
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

-----  
Date: Sat, 6 Nov 1999 08:11:34 -0800 (PST)  
From: Monte Stark <ku7y@dri.edu>  
To: Nick Kennedy <nkennedy@cswnet.com>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [55362] Re: SS question, asking for fills  
Message-ID: <Pine.GS0.4.10.9911060809100.29792-1000000@rotor.dri.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 6 Nov 1999, Nick Kennedy wrote:

>  
> Of course NR? means repeat S/N and SEC? means repeat your ARRL section.  
>  
> I think the Year Licensed thing is called your "Check" so say "CK?" and the  
> letter that designates power, multi-op and so forth is called "precedence",  
> so say "Prec?"

These sound just fine to me and in fact that's how I do it too!

> Hey, this contest will be a good one for guys who hate 5NNs and like  
> exchanging a lot of variable data.

Very good point Nick!

This is the contest for all you that want something "real" to  
copy for an exchange!

cu all in a bit...

73, Ron,        SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....  
....ku7y@dri.edu....Washoe Lake, Nevada....NRA LIFE....

-----  
Date: Sat, 06 Nov 1999 08:19:03 -0800  
From: Arthur Moe <kb7ww@chatusa.com>  
To: Tower <tower@contesting.com>, qrp <qrp-1@lehigh.edu>  
Subject: [55363] Balun ???  
Message-ID: <382454F7.166360AA@chatusa.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

For a antenna project that I am thinking about I will need a 4:1 or  
6:1 Balanced to Balanced balun. I am looking for ideas on making it  
myself. Anyone got any ideas???

Thanks  
Art  
KB7WW

-----

Date: Sat, 06 Nov 1999 10:29:37 -0600  
From: crc <crc@io.com>  
To: QRPL <QRP-L@Lehigh.EDU>  
Subject: [55364] Re: Adjustable power QRP rigs?  
Message-ID: <38245771.D1A1703E@io.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

My Argonaut 509, and my HW-8 are both adjustable from the outside  
Charlie W5KRF

-----  
Date: Sat, 06 Nov 1999 07:41:04 -0900  
From: Jim Larsen AL7FS <al7fs@pobox.alaska.net>  
To: K2UD@aol.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [55365] KITS: SST Mods URL location  
Message-ID: <38245A20.65A1DB70@pobox.alaska.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Check out <http://www.karoo.co.uk/g3ycc/sst1.html>

--  
73, Jim Larsen, AL7FS <http://www.qsl.net/al7fs/>  
Anchorage, Alaska <mailto:al7fs@qsl.net>  
ICQ 11022915 (Info at <http://www.icq.com/> )

K2UD@aol.com wrote:

Are there mods for the Wilderness Radio SST posted in a central  
location?

-----  
Date: Sat, 06 Nov 1999 17:14:45 +0000  
From: Tom Palmer <n1tp@worldnet.att.net>  
To: jmb@cruzio.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [55366] Re: NT+ Fox Log (Prelim) for November 6, 1999 0230-0430Z (Friday  
Nite  
Local) - K6JMB  
Message-ID: <38246204.C749BD35@worldnet.att.net>

MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Correct. Someone was intentionally sending a carrier squarely on 7.110.  
None the less, for a while I was able to copy you Q5 in Florida.  
Tom, N1TP.

Jim Boyle wrote:

> Here's the first pass log at my NT+ Fox log for last nite. Sorry I  
> didn't post it right after the session last night but my daughter came  
> by to visit. Things started off with a bang and then sort of fizzled the  
> second hour. The band got noisy, but in response to a few requests I  
> received to stay put, I did so around 7110 to 7115. I had a big signal  
> right at 7110.00, so I never got very much under than 7110.75.  
>  
> Again, thanks to all who hung in there with me. I'm feeling a little  
> more comfortable though still pretty frustrated about my problems with  
> copying in noise - more experience needed!  
>  
> Think I'll spend some time today and tomorrow working the Sweepstakes on  
> the NT+ portions of the bands just for practice.  
>  
> And I'm Fox again tonite, same time 0230-0430Z, though I expect most of  
> you will be working the Sweeps, I'll be out there trying to 'double up'  
> so to speak. Anyway, good luck to all on the Sweeps and thanks again  
> for a fun session last nite.  
>  
> 72,  
> Jim  
> K6JMB  
>  
> (I'm trying out formatting this on Netscape Messenger using their Table  
> function. If it shows up as spaghetti, I'll resend in plain fixed text.  
>  
> NT+ Foxhunt Log for November 6, 1999 0230-0430Z (Friday Local Time) -  
> K6JMB  
>  
>  

| > TIME - Z | > CALL | > RST Sent | > RST Rcvd | > STATE | > NAME | > NR |
|------------|--------|------------|------------|---------|--------|------|
| > 0230     | WE6W   | 599        | 599        | CA      | Ed     | 1068 |
| > 0235     | W7ILW  | 479        | 479        | AZ      | Howard | 2010 |
| > 0237     | W5VBO  | 459        | 459        | AZ      | Brian  | 404  |
| > 0250     | KI0II  | 459        | 579        | CO      | Ron    | 928  |
| > 0305     | VE6EWM | 359        | 559        | AL      | Earl   | 1076 |
| > 0315     | KB7MBI | 559        | 359        | WA      | Alan   | 1299 |
| > 0325     | AC6UV  | 559        | 459        | CA      | Gody   | 1991 |

-----  
Date: Sat, 6 Nov 1999 12:18:08 -0800  
From: "muleskiner" <muleskiner@gateway.net>  
To: "QRP" <qrp-1@Lehigh.edu>  
Subject: [55367] test  
Message-ID: <004401bf2894\$0ac4be40\$96660f3f@oemcomputer>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

this is a test from a new subscriber.

WA2NZO

-----  
Date: Sat, 06 Nov 1999 09:42:15 PST  
From: "Alan Fryer" <n3bj@hotmail.com>  
To: al7fs@pobox.alaska.net, qrp-1@Lehigh.EDU  
Subject: [55368] Re: KITS: SST Mods URL location  
Message-ID: <19991106174215.85359.qmail@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

Jim and all

There is a wealth of info there, but no recent stuff as I recall... Would be great if we could have more mods !!

Alan, N3BJ

-----Original Message Follows-----  
From: Jim Larsen AL7FS <al7fs@pobox.alaska.net>  
Reply-To: al7fs@pobox.alaska.net  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: KITS: SST Mods URL location  
Date: Sat, 06 Nov 1999 07:41:04 -0900

Check out <http://www.karoo.co.uk/g3ycc/sst1.html>

--



73, Jim Larsen, AL7FS <http://www.qsl.net/al7fs/>  
Anchorage, Alaska <mailto:al7fs@qsl.net>  
ICQ 11022915 (Info at <http://www.icq.com/> )

K2UD@aol.com wrote:

Are there mods for the Wilderness Radio SST posted in a central location?

-----  
Get Your Private, Free Email at <http://www.hotmail.com>

-----  
Date: Sat, 6 Nov 1999 18:11:28 -0800  
From: "K7FD-N7SG" <cqdx@teleport.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [55369] Just a few last minute SS details...  
Message-ID: <002101bf28c5\$68ab7a40\$5e231ad8@default>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Not too much longer now before the cw bands go bananas...

Just sitting here sippin' some hot java reading the reflector.  
The coffee tastes great in a QRO Clean Sweep cup, but I  
bet it REALLY tastes good in a QRP Clean Sweep cup! Gotta  
feeling it's going to be a real challenge to nab all 79 QRP, but  
the bands are sounding good out west this morning...

Got the pc interface all hooked up to the K2 late last night...so now just  
need to run to town and get a couple of take n' bake QRPizza's to  
keep me going through the night.

I'll especially be listening for all those Q prec's...

72 John K7FD

-----  
Date: Sat, 6 Nov 1999 13:31:10 -0500  
From: "Scott E. Olitsky" <solitsky@acsu.buffalo.edu>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [55370] Index Labs  
Message-ID: <002601bf2885\$63a0b0a0\$414d3018@olitsky.buf.adelphia.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I am looking for soem information on the Index Labs Qrp rig. Is it correct that they are no longer made? DOes anyone have one that they may be looking to sell?

Scott  
AC3A

-----  
Date: Sat, 6 Nov 1999 13:40:54 -0800  
From: "muleskiner" <muleskiner@gateway.net>  
To: "QRP" <qrp-1@Lehigh.edu>  
Subject: [55371] Special Event QRP Station - 11 November 1999  
Message-ID: <002701bf289f\$9b0b8dc0\$ab650f3f@oemcomputer>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Special Event QRP Announcement  
Macedon, NY: Amateur Radio Station WA2NZ0, 0900Z Nov 11 to 2200Z, at 1-watt cw commemorating Veterans Day. 7,058 KHz. Distinctive QSL cards mailed out confirming two-way contacts. John Freiburger III, 9 Olympus Drive, Macedon, NY 14502.

-----  
Date: Sat, 06 Nov 1999 13:45:04 EST  
From: n5ib@juno.com  
To: qrp-L@Lehigh.edu  
Subject: [55372] HB & MANHATT - first time effort - followup report  
Message-ID: <19991106.124439.8215.0.N5IB@juno.com>

So far so good.

Epson 28.16 MHz oscillator, followed by 74LS74, using both flip-flops as divide by 4. Thus far its a Fireball-40. Now for my twist: a 7406 open collector hex inverter (used 74 instead of 74LS 'cause I had 'em, and 06

has the 30 V rated output that the 05 does not). Connected a pair of inverters, in parallel, to the Q output of the divider, and another paralleled pair to the not-Q output. The respective collectors go to opposite ends of a transformer (14 T #26 on T37-61, center-tapped - thanks NorCal toroid kitters!) and the +5 V supply is fed at the center tap. Shunt the primary with 82 pF and a 10-50 pF trimmer. Four turn secondary with a 47 ohm load resistor. Everything's dc coupled right now, except for the secondary winding.

Getting better than 7 Vpp across the 47 ohm load (about 150 mW, 2 turn secondary yielded 70 mW) The waveform is remarkably clean looking (a little too triangular to be a real good sine wave) on the scope when the trimmer is adjusted. Have not yet added a pi-net filter for harmonic suppression. The 7406 gets warm, but not hot, with continuous output for minutes at a time. I could try running the collector circuit to a higher supply voltage than 5 V - since the 7406 is rated at 30V.

Still lots of room in the Altoids tin for keying circuit and pi-net. This is fun - lots easier than perf-board to fiddle with changes. My old found-in-a-junque-box nibbling tool makes nice pads for the IC mounting.

PS: I've purposely allowed the solder fumes to waft into the jet stream so as to be carried to the White Mountains of New Hampshire (Steve - careful not to inhale :^)

73  
Jim N5IB

---

Get the Internet just the way you want it.  
Free software, free e-mail, and free Internet access for a month!  
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

---

Date: Sat, 6 Nov 1999 19:03:49 -0000  
From: "Frank G3YCC" <frank@g3ycc.karoo.co.uk>  
To: <K2UD@aol.com>, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [55373] Re: SST Mods?  
Message-ID: <003801bf2889\$ab2013e0\$45a932d4@prsat0x1>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

<http://www.karoo.co.uk/g3ycc/sst1.html> is where it's at.

Frank G3YCC G QRP 042

QRP web page <http://www.karoo.co.uk/g3ycc/>

-----  
Date: Sat, 06 Nov 1999 14:22:17 +0000  
From: Michael Neverdosky <mneverdosky@earthlink.net>  
To: qrp-l mailing list <qrp-l@Lehigh.edu>  
Subject: [55374] SS Thanks to all.  
Message-ID: <38243999.7B5B2835@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Thanks for the quick info on SS.

Now to try and calm down enough to remember which end  
of the radio is which. :-))

If anyone is working me and it sounds like I have done something  
really dumb,,,,, I have.  
This is my first SS and my first time using TR Log, so some  
slipups are a sure thing.

72 michael N6CHV (central Florida, NFL)

-----  
Date: Sat, 06 Nov 1999 14:39:11 -0500  
From: mikemo@attglobal.net  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [55375] Re: HB: MV2301, sharing the wealth  
Message-ID: <382483DF.14ED58BA@attglobal.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Ok guys, no more requests. I've got all I can handle.  
If you don't hear back from me then you didn't make it. Sorry I didn't  
have more.  
Best regards and 72 de ku4qo  
Mike Maiorana, Palm Harbor, FL

mikemo@attglobal.net wrote:

> I'll take the first 10 people who respond to this email, Send an SASE  
> and \$1 and I'll send you 20 of these tuning diodes (\$.05 each, that's

> what I paid for them). I'll only take 10 people so I'll have a few left  
> for myself ;-)

-----

Date: Sat, 6 Nov 1999 13:52:20 -0600  
From: "Randy Jouett" <rules@bellsouth.net>  
To: <kb7ww@chatusa.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [55376] Re: Balun ???  
Message-ID: <068201bf2890\$8719a630\$b4e83cd0@spock>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: Arthur Moe <kb7ww@chatusa.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Sent: Saturday, November 06, 1999 10:19 AM  
Subject: Balun ???

Hi Arthur,

> For a antenna project that I am thinking about I will need a 4:1 or  
> 6:1 Balanced to Balanced balun. I am looking for ideas on making it  
> myself. Anyone got any ideas???

Check out the ARRL Handbook. Also, for a through explanation that's  
written well, check out Solid State Design For the Radio Amateur.  
You can also check out the December issues of ham magazines and  
browse the article listings, and locate articles on balun construction.  
So, what I'd do is:

- 1) Read the handbook.
- 2) Read up on impedance transformation and balun construction  
    in SSD.
- 3) Read the articles you find in the ham rags.

If you are still a little unsure on how to go about  
constructing a balun, then I'd suggest that you go  
to your local library and look up the info in other  
books. Everyone doesn't write the same, and one  
of these other books just might take you over the  
top and explain something clearer, blending all the

other info into a solid understanding of the subject matter.

If this sounds like book or article research, then I've done my job. IMHO, this is what you need to do to get a complete understanding of a particular subject. Also, if you take notes and write down your findings, you can assemble all of your info and post it here on QRP-L, or you could write up a bibliography and submit the article to one of the QRP magazines or to an amateur publication.

This might seem like a lot of work, but it's well worth it, IMHO. It will take time and -- most importantly! -- patience, but it will time well spent. Every hour of study will save you 2-3 hours in construction and application.

Hope this helps, and good luck with your project!

72/73,

----

Randy Jouett, AB5NI

-----

Date: Sat, 6 Nov 1999 12:19:11 -0800  
From: "Vern Wright" <w6mma@jps.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [55377] Fw: New portable Ant. from Vern W6MMA  
Message-ID: <004801bf2894\$310141a0\$5f9ae0d8@vern>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

-----Original Message-----

From: Vern Wright <w6mma@jps.net>  
To: elecraft@qth.net <elecraft@qth.net>  
Date: Saturday, November 06, 1999 9:10 AM  
Subject: Fw: New portable Ant. from Vern W6MMA

>

>-----Original Message-----

>From: Vern Wright <w6mma@jps.net>

>To: elecraft@qth.net <elecraft@qth.net>  
>Date: Saturday, November 06, 1999 8:46 AM  
>Subject: New portable Ant. from Vern W6MMA  
>  
>  
>I will show my new ant. at the NOR CAL meeting this Sun. This one is small  
>screw driver type ant. that will fit in your computer case with your K2. No  
>parts  
>longer than 12 in. Powder coated to match the K2. Tunes 40 thru 10.  
>Will have pics. soon on Nor Cal Webb site soon.url will be  
>www.superantennas.com  
>This ant. will work as a mobile ant. with an opt. whip. My fist 2 contacts  
>on  
>10 meters was Ja3 and Ja5 in Japan. This ant. will run 5 to 100 watts.  
>Will have soon an 80 meter add on coil to make ant. play on 80 also.  
>73  
>Vern W6MMA  
>w6mma@jps.net  
>

-----  
Date: Sat, 6 Nov 1999 12:23:58 -0800  
From: "Vern Wright" <w6mma@jps.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [55378] Fw: New portable Ant. from Vern W6MMA  
Message-ID: <005301bf2894\$dc39a760\$5f9ae0d8@vern>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

-----Original Message-----  
From: Vern Wright <w6mma@jps.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Date: Saturday, November 06, 1999 12:19 PM  
Subject: Fw: New portable Ant. from Vern W6MMA

>  
>-----Original Message-----  
>From: Vern Wright <w6mma@jps.net>  
>To: elecraft@qth.net <elecraft@qth.net>  
>Date: Saturday, November 06, 1999 9:10 AM  
>Subject: Fw: New portable Ant. from Vern W6MMA  
>

>  
>>  
>>-----Original Message-----  
>>From: Vern Wright <w6mma@jps.net>  
>>To: elecrafft@qth.net <elecrafft@qth.net>  
>>Date: Saturday, November 06, 1999 8:46 AM  
>>Subject: New portable Ant. from Vern W6MMA  
>>  
>>  
>>I will show my new ant. at the NOR CAL meeting this Sun. This one is small  
>>screw driver type ant. that will fit in your computer case with your K2.  
No  
>>parts  
>>longer than 12 in. Powder coated to match the K2. Tunes 40 thru 10.  
>>Will have pics. soon on Nor Cal Webb site soon.url will be  
>>www.superantennas.com  
>>This ant. will work as a mobile ant. with an opt. whip. My fist 2 contacts  
>>on  
>>10 meters was Ja3 and Ja5 in Japan. This ant. will run 5 to 100 watts.  
>>Will have soon an 80 meter add on coil to make ant. play on 80 also.  
>>73  
>>Vern W6MMA  
>>w6mma@jps.net  
>>  
>

-----  
Date: Sat, 6 Nov 1999 15:10:14 EST  
From: K2UD@aol.com  
To: kc8aon@juno.com  
Cc: qrp-l@lehigh.edu  
Subject: [55379] Re: Enclosures !  
Message-ID: <0.1da6376b.2555e526@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Problem with Sescom is their minimum order policy. \$25.00, I think. Tech America carries Sescom in single quantities. Good show!

72

Howard Kraus, K2UD

-----



Date: Sat, 6 Nov 1999 15:20:14 EST  
From: K2UD@aol.com  
To: qrp-1@lehigh.edu  
Subject: [55380] SST Mods  
Message-ID: <0.15927aed.2555e77e@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Thanks to all who pointed me to the G3YCC site with the SST mods. Wow! What a bunch of mods!

I started printing the list of mods a scant 5 minutes after posting my request for them. Would have been faster if Paul, W9AC could type at lightning speed! I wasn't even off my chair before his reply came through. TNX Paul, and everybody I sent TNX messages to. Gonna get an SST for Christmas. Wife will be surprised to see what she bought me!

72 to all

Howard Kraus, K2UD

-----  
Date: Sat, 6 Nov 1999 12:23:21 -0800  
From: "Alan Kaul" <alan.kaul@worldnet.att.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [55381] Making CT vers 6/7/8 work for 1999 SS  
Message-ID: <19991106202330.LRKS3356@oemcomputer>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

Here's how I plan to make CT v 8.50 work in this weekend's contest, (i.e. working around the ARRL's change in precedence codes).

1-Use the NOTE PAD function (I believe it is ALT-N) to create a one-line file for the QS0 which has a non-A/non-B/non-Q precedence (remember to use the time/callsign of the station in your note so you will know which one to change later) and type the correct exchange here

2-When the contest is over, and while editing the log as a text file, I'm going to print a copy of the "NOTES" and then will use that as a reference as I go back to the log and change the precedence.

Yes, it is an extra step. But it is shorter than a learning curve for new and different software, and it is easier than upgrading to CT v9 which requires a Pentium in the shack (and I'm only using a 286).

GL and best 72/73 de alan

Alan Kaul, W6RCL, LaCanada-Flintridge, CA  
url: <http://alan.kaul.home.att.net/>  
e-mail: [w6rcl@amsat.org](mailto:w6rcl@amsat.org)

-----  
Date: Sat, 6 Nov 1999 13:28:47 -0700 (MST)  
From: "Paul Harden, NA5N" <na5n@rt66.com>  
To: [qrp-1@lehigh.edu](mailto:qrp-1@lehigh.edu)  
Subject: [55382] PROP: Condx for SS  
Message-ID: <Pine.SUN.4.10.9911061256410.16533-1000000@shell.rt66.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang,

I will not be participating in SS this year due to plenty of projects I need to complete this weekend before the cold weather kicks in (although it must be 70F outside already, making it tough to picture "winter" !)

Tuning around the bands around 1pm MST, both 15M and 10M have plenty of CW activity; almost nothing heard on 20M (here in NM anyway).

Yesterdays solar flux was 161; today will be a bit less as we're coming off the peak and heading towards the 28-day minimum. But 160 or so this weekend is sufficient to support good conditions on 20M and above, and keep the MUF (maximum usable frequency) above 28MHz during daylight hours.

Yesterday's A-index was 7, with the forecast for the weekend being around 10 ... or basically mildly unsettle conditions. This is based on the solar wind fluctuating due to a recurrent coronal hole spewing out particles that disturb our magnetic field a bit. Therefore, 40M can expected to be a bit noisy in early evening (sundown to midnight), but not excessive, except in the higher latitudes (above 45 deg. latitude).

In short ... use the highest band you can during the day, then work the next lower band as sunset approaches. 15M could stay open quite a while after sundown (10M will always crash and burn right at sundown).

Working 10M an hour or so before sundown will almost always ensure you'll work guys to your WEST (where it's still sunny for them) and few if any signals coming in from the east, where it's now dark. Then right around your local sundown, you can get 30 minutes or so of sudden north-south propagation due to the gray line, where your signals will travel along

the earth's terminator (transition between sunny and dark). This holds true for all bands during the sundown period, with the largest effect on 20, 15 and 10M. It's a good period to work into areas you may not reach into during any other time.

Propagation is a weird, yet fully understood science, and there are obviously many factors that will make your propagation experience different from the guy even the next state over. So these are GENERAL guidelines, not meant to be specific, and an aid for those who do not follow or understand the phenomenon, or new to the hobby and haven't figured out what each band has to offer.

So for you ... 10M is a DAYLIGHT band only, and dies right at sundown 15M also depends on solar ionization, and thus more or less a daylight band, but because it takes longer for the ionization to cease, it can remain fairly good 1-2 hours after sundown.

20M is a transition band, with conditions based on both the solar flux and our magnetic field. It will be quite hot during the day, taking advantage of E and F layer (daytime skip), and persist well into the evening using primarily E layer skip.

40M is "open" around the clock, because seldom does the maximum usable frequency (MUF) drop below 10MHz. During the day, your signals have to go through the D layer twice, which is ionized and absorbs much of your signals. At night however, absorption through the D layer drops, and your signals propagate either by bouncing off the E layer (for skip distances) or ground wave (for <500 mile communications). Of the HF bands, 40 and 80M is the most sensitive to disturbances in our magnetic field, and has little to do with the state of the solar flux ... and thus can be rather noisy early evening.

For those new to all of this, one neat exercise (after the contest) is to plot on a map what states/regions you work on each band, and you will clearly see where you "skip" into, and regions your signals do not reach at all. It can also show you what directional qualities your antenna system might be producing (for example, if located in the mid-section of the country, you work a bunch of New England but little in the SE, where the skip distance is about the same, it would show your antenna is radiating far more power to the NE than the SE). With a little analysis, contests can also provide you with a fair look at how signals and your antenna function.

GL to all, and have fun.

72, Paul NA5N



-----  
Date: Sat, 6 Nov 1999 15:59:45 EST  
From: K5KW@aol.com  
To: qrp-1@lehigh.edu  
Subject: [55385] QRP Mod for Ten-Tec Paragon  
Message-ID: <0.23b7c519.2555f0c1@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Ten-Tec Paragon owners who would like to run reduced power at true QRP levels can make a simple mod that a Ten-Tec engineer suggested to me, and be assured that it really works. Paragons were originally designed to run from 25 to 100 watts output. Mine would reduce down to 10 watts, still not QRP. It will now reduce to as low as 750 mw power output with the following mod.

On the Second Mixer Board, change R44 from 100K to 10K, and readjust R-47 (ALC pot) for 100 watts output when the front panel "RF Power" knob is fully clockwise. Simple fix.

72,

Don, K5KW

"From Meadowlark Aerodrome on the rippling shores of Lake Eva, in the heart of the Morris-Boynton Metroplex of east central Oklahoma."

-----  
Date: Sat, 6 Nov 1999 16:30:27 -0800  
From: "GARY McCAUGHEY" <MAIL4GARY@worldnet.att.net>  
To: <qrp-1@lehigh.edu>  
Subject: [55386] HELP: Info needed on transistor 2N2563  
Message-ID: <003901bf28b7\$4db07780\$4e970a3f@garymcca>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

Thanks in advance. I have three of these transistors that I got in a box of parts. They are gold in color and have a heavy heat sink attached to the metal can with a bolt on it. All it says is 2N2563, has a beta symbol beneath that and then beneath that are the numbers 6511. It is a T0-5 or T0-18 sort of case and then stuffed into the heatsink.

I was wondering if they might be some sort of RF output

transistors because of the heatsink and the fact that the box of junk came from an old Motorola radio repair shop.

Gary  
W2UX  
Lexington, SC

CW is the REAL THING, USE IT or LOSE IT!

-----  
Date: Sat, 6 Nov 1999 16:20:02 -0500  
From: Nils R Young <nilsbull@juno.com>  
To: elecraft@qrth.net, QRP-L@lehigh.edu  
Subject: [55387] Bands & plans  
Message-ID: <19991106.162010.-555663.2.nilsbull@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Degenerative gang of co-conspirators,

I finally got the more medium-powered ATU fixed up so it tunes up on 160m. Which means that all of us loonies so enclined otter get on there & try to make some noise. And I've been listening off-and-on all afternoon for activity on 10 & 12. Lots of folks but nobody responds to "CQ K2 CQ K2 fm WB8IJN . . ."

Bunch of tin ear lightweights, you ask me.

And, just for a break in the boredom, I finally got the Intertype C3 up on 4x4s . . . with the help of a 15 ton railroad rail jack. I'm beat from that, but wanna stay up late & see what happens on 160 later tonight. And no, I didn't push myself into another hernia operation. Once was enough, thanks.

But the rail jack was complaining about workman's comp.

73

Nils

. . . why is the SSB QRP freq on 75 down in the middle of kW alley? . .  
. . an' how about them aliens? . . Cindy's off on a business trip Sunday morning to New Orleans . . . looks like a lot of Rally burgers gonna line the intestines for me & the boy . . . and dancing otters . . . yeah, we'll have dancing otters & weasel music . . . yeah . . . get down, bayee-bee!

-----

Nils R. Bull Young -- El Gringo Errante -- La Estancia de los Guajolotes  
Sonrientes

<http://home.fiberia.com/wb8ijn> -- WB8IJN --

<http://members.xoom.com/nilsbull>

"In my day you had to FIGHT to have oligarchs! Every day was a STRUGGLE!

-- Comrade Sergei Nikolaevich McTovarishov --

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-----

Date: Sat, 6 Nov 1999 16:14:02 -0500

From: Nils R Young <[nilsbull@juno.com](mailto:nilsbull@juno.com)>

To: [elecrafft@qrth.net](mailto:elecrafft@qrth.net), [QRP-L@lehigh.edu](mailto:QRP-L@lehigh.edu)

Subject: [55388] PSK31 & lap tops

Message-ID: <19991106.162010.-555663.1.nilsbull@juno.com>

MIME-Version: 1.0

Content-Type: text/plain

Content-Transfer-Encoding: 7bit

Gang,

Ok, I looked at the web sites. I looked at the software download places.  
I even looked at the Hellschreiber sites &c.

I ain't about to drag the 486 monster out to the shack 'cause it's a shack. It was once a two-hole privy (out house, as we say around these here parts) & it gets cold & damp & stupid out there. And I sure as blazes ain't gonna drag the Pentium ("It's about the Pentiums!") out there either, even if I have to replace the mo-board I fubarred.

But I do have a perfectly good 486 laptop with a few meg of space left on the HD. Is there a trick or something that I have to buy to get that beast to work on PSK31. No audio card, see?

This, if I succumb & do it, will be the first big mode change since I bought that 2m radio nearly 25 years ago. And before that? From AM & CW to SSB nearly 8 years before that!

Have I really been on the air that long? Man, I feel old. Listening to Ornette Coleman takes recorded when I was 12! I guess I better sit on the front porch rocker & drool on about the aliens.

Nils

. . . "Aliens landed. Nineteen ought three. Roswell weren't jack compared to that! Tell you! We had a ice box. A man used to come every couple times a week put a block o' ice innit. Didn't have fidgerators back then. Nope. Had an ice box. Couldn't keep nothin' cold. Aliens landed. Nineteen ought three. Roswell weren't jack compared to that! Tell you! We had a ice box. After them aliens landed, we got fidgerators. Yep. Then came the fidgerator magnets & them dag-nab hippies! Weasel dippin' badger smokers! Never could get 'em to leave my medication alone. Aliens landed. Nineteen ought three. Roswell weren't jack compared to that! Tell you! We had a ice box. . . . . "

-----

Nils R. Bull Young -- El Gringo Errante -- La Estancia de los Guajolotes Sonrientes

<http://home.fiberia.com/wb8ijn> -- WB8IJN --

<http://members.xoom.com/nilsbull>

"In my day you had to FIGHT to have oligarchs! Every day was a STRUGGLE!

-- Comrade Sergei Nikolaevich McTovarishov --

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-----

Date: Sat, 6 Nov 1999 16:58:45 -0500

From: "Ed Tanton" <n4xy@att.net>

To: <MAIL4GARY@worldnet.att.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [55389] RE: HELP: Info needed on transistor 2N2563

Message-ID: <NBBBJDEEIFDDANGEGHLBGAEHKAA.n4xy@att.net>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Well Gary, my best search (using Copernic 99 and 12-15 search-engine sources) turned up only 1 useful result-and it might be enough:

| ??? |???| ???|U??,?| I?, ? | P?, ?? | B | F MHz | ?????? |

| 2N2563 | G | pnp | 100 | 3,500 | 20,000 | | |

This is Russian-as you've probably already figured out, and it is telling you the following:



PNP Germanium 100VDC 3.5A but I doubt that next quantity is a gain figure... could be... but that doesn't sound right for a Germanium transistor. Otherwise, that's more than you knew before. But it turns out to be in one of my old Motorola Data Books:

Germanium; PNP; Usage: Audio Power; 20W; Vcb & Vce = 100VDC; hfe 20 (60 max) @ 3.0A and that's the story.

72 / 73 Ed N4XY email: <n4xy@arrl.net>

webpage: <http://www.qsl.net/n4xy/>

-----  
Date: Sat, 6 Nov 1999 15:57:49 -0600  
From: "Randy Jouett" <rules@bellsouth.net>  
To: <w5usj@globeco.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [55390] Re: Balun ???  
Message-ID: <06ca01bf28a2\$1195b4a0\$b4e83cd0@spock>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

----- Original Message -----  
From: Chuck Carpenter <w5usj@globeco.net>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Sent: Saturday, November 06, 1999 2:25 PM  
Subject: Re: Balun ???

Hi Chuck,

> Also get the Transmission Line Transformers Handbook by Jerry Sevick,  
> W2FMI. It's available from Amidon.

Good idea! I'm sure he'll also be able to find out all he ever wanted to know about baluns and learn some info on toroid selection if he purchases this book.

72/73,

-----  
Randy Jouett, AB5NI

P.S.

485 message to go, and it would be a LOT less if I quit answering these messages and did more reading :^). Seriously thinking about killing all of the messages and asking everyone to re-send their emails, but I might tick some people off doing this and lose out on a bunch of great info! :^/. Can you say Catch 22? I knew you could! :^)

-----  
Date: Sat, 06 Nov 1999 17:06:24 -0800  
From: JPD <jdanter@mail.i-america.net>  
To: qrp-1@Lehigh.EDU  
Subject: [55391] HELP: Tube QRP  
Message-ID: <3824D090.CBE@mail.i-america.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I would appreciate any references to the I-Net, or print articles, for a tube QRP Xmtr. ARRL '98 Handbook, only provides a block diagram, w/o values or construction. Focus is on solid-state.  
72 KF4VOP  
JP Danter

-----  
Date: Sat, 6 Nov 1999 15:53:06 -0700 (MST)  
From: "Paul Harden, NA5N" <na5n@rt66.com>  
To: Nils R Young <nilsbull@juno.com>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [55392] Re: Bands & plans  
Message-ID: <Pine.SUN.4.10.9911061538180.17077-1000000@shell.rt66.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 6 Nov 1999, Nils R Young wrote:

> And, just for a break in the boredom, I finally got the Intertype C3 up  
> on 4x4s . . . with the help of a 15 ton railroad rail jack. I'm beat from  
> that,

I'm impressed, Nils. You haven't lived until you've tried to move a good ole trusty linotype machine. They remain one of the mechanical engineering marvels of all time. If I remember right, striking a key on

the keyboard initiates 320 moving-part operations before that letter is cast into the lead slug, and a few dozen more when you eject the slug.

For the uninitiated, before offset printing and desktop publishing, printing was done by hand-set steel type ... a small piece of steel for each letter, that needless to say was a heroic effort to set the type for say a single page of a newspaper. This is why so few newspapers, books and magazines were around in the 1800's. Look at an Alamanac of facts and figures for a list of weekly and daily newspapers and magazines, and you will see an explosion of such periodicals around 1880 and afterward ... all due to the release of the linotype machine ... the first machine to cast the metal type automatically from a typewriter type of keyboard. A good operator could set many lines (slugs) per minute, compared to hand set type, measured by characters set per minute (setting two 4-inch lines by hand in a minute was considered world class speed).

The conversion from letterpress to offset printing after WW-II brought on the decline of the linotypes, to where today, there are only a few left in regular use. There was a time, though, you would kill for a linotype or intertype machine. Who did you kill for yours, Nil? :-)

OK, off topic I know ... but I figured Nils comments about moving his Intertype probably went unnoticed, and unappreciated by most. It is a huge mechanical monster to behold, never mind to move!

72, Paul NA5N

PS - Keep those space bands clean!

-----  
Date: Sat, 6 Nov 1999 18:06:46 -0500  
From: "Ed Tanton" <n4xy@att.net>  
To: "sherman harrison" <k4ku@intermediatn.net>  
Cc: "VE3CQD Dan Tang" <ve3cqd@rac.ca>, "SEDXC" <SEDXC@contesting.com>, "Rick KF4AR" <rerobins@email.uncc.edu>, "Randy Tudor" <rtudor@att.net>, "QRP-L Reflector" <qrp-l@Lehigh.EDU>, "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>, "North GA QRP" <nogaqrp@qth.net>, Subject: [55393] RE: DX Website GREAT!  
Message-ID: <NBBDJDEEIFDDANGEGHLBAEAJHKAA.n4xy@att.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

In looking for the program Sherman referred to (DX-Monitor:

<http://www.benlo.com/dxmon.html> a VERY neat program!) I ran into a fantastic DX Site in Estonia. I don't usually send out emails like this, but it's maybe the BEST DX site I've seen-especially for just plain useful content!

And while I have your attention: take a look at the meta search machine: Copernic-2000 available FREE at: [www.copernic.com](http://www.copernic.com) . It searches 12-15 other search engines apparently simultaneously, and lists the results ranked according to quality of the hit. It is a full, working version that does not expire or bug you with a lot of "How About Buying etc."

If you already know about these, or just hate "Go look at that site"s, my apologies.

72 / 73 Ed N4XY email: <n4xy@arrl.net>

webpage: <http://www.qsl.net/n4xy/>

-----  
Date: Sat, 06 Nov 1999 16:50:23 -0700  
From: Thomas Kuehl <ac7a@uswest.net>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>, k5kw@aol.com  
Subject: [55394] QRP Mod for Ten-Tec Omni-V Sought  
Message-ID: <3824BEBF.12B8B42B@uswest.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Howdy All:

Today, K5KW posted a QRP modification for the Ten-Tec Paragon. I have heard that a QRP modification also exists for the Ten-Tec Omni-V. If anyone out there in QRP-L land knows the modification I would be much obliged if they would share it with me.

I have my little QRP radios, but once in a while it would be nice to go Cadillac QRPing!

Regards, Thomas - AC7A (Tucson)

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End of QRP-L Digest 1631

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